

OFFICE OF QUALITY PROFESSIONALS
Summary of State Board of Education Items
April 16-17, 2009

EDUCATOR LICENSURE

15. Approval to begin the Administrative Procedures Act Process: To Approve Licensure Requirements for the Six New 2009 Vocational Redesign Career Pathways as Recommended by the Commission on Teacher and Administrator Education, Certification and Licensure Development

Background

In September of 2006, the Certification Commission was first introduced to the High School Redesign for Vocational Education. The Research and Curriculum Unit at Mississippi State University is under a memorandum of agreement with MS Department of Education to write the curriculum for all redesign courses. In January of 2007, the first stage of the redesign was approved by the Commission and sent to the state board with the adoption of the new curriculum for Career Discovery, Computer Discovery and Technology Discovery.

In March of 2007, the Commission approved and recommended to the state board Phase 1 of the new redesign courses by approving three new endorsement codes for ICT I, ICT II and STEM, three new courses that were piloted in the 2007-2008 school year with training in the summer of 2007.

In the spring of 2008, as Phase 2 of the redesign, RCU was ready to pilot eight (8) of the new Career Pathways. In April of 2008, the state board approved eight new endorsement codes and license requirements for these 8 new pathways. The school districts selected to pilot these programs sent select teachers to be trained during the summer of 2008 in these 8 areas of certification. These eight Career Pathways approved in 2008 were:

- 955 – Management
- 956 – Marketing and Economics
- 961 – Health Sciences
- 966 – Automotive Service
- 971 – Teacher Academy
- 972 – Culinary Arts
- 976 – Manufacturing
- 977 – Construction Technology

Proposal

On March 6, 2009, the Certification Commission approved the license endorsement codes and license requirements for the 2009 Six new Career Pathways to be piloted in the 2009-2010 school year. The Commission recommends to the State Board that the following new courses be approved:

- 954 Career Pathway: Information Technology
- 967 Career Pathway: Collision Repair
- 973 Career Pathway: Installation and Service – Industrial Maintenance
- 974 Career Pathway: Installation and Service HVAC
- 985 Career Pathway: Architecture and Engineering
- 987 Career Pathway: Digital Media Technology

School districts selected as pilot sites for these new pathways will send designated teacher to be trained at RCU this summer for these new courses.

Back-up Material: Attached

Recommendation: Approval

Licensure Requirements for Teachers of 2009 Career Pathways

954 Career Pathway: Information Technology

This endorsement licenses a person to teach the following secondary courses:

992200	Information Technology I
992204	Information Technology II
992201	Computer Fundamentals
992202	Network Fundamentals
992203	Programming and Web Design
992206	Information Technology Internship
992205	Introduction to Information Technology

Minimum Requirements for this Endorsement:

1. Education

Hold a two-year college degree or higher from an accredited institution of higher education.

2. Technology Literacy and Related Assessment of that Competency

Applicant must validate technology competency during the first year of license by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessment for this license is IC3.

3. Occupational Experience and Related Assessment of that Experience

- Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.

This endorsement requires the following assessment(s) of occupational expertise:

Possess and maintain up-to-date CompTIA A+ Certification

OR

Other teacher occupational competency assessment approved by MDE Office of Vocational Education and Workforce Development.

4. Teacher Education Preparation and Related Assessment(s) of that Education

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
- Applicant must complete all requirements of VIP program prior to the expiration date of the three year vocational license.
- Applicant must successfully complete a certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education
- Applicant must successfully complete the Information Technology certification workshop, module, or course that is approved by the Mississippi Department of Education.

note #1: If the applicant meets all requirements listed above, that applicant will be issued a 954 endorsement—a five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.

967 Career Pathway: Collision Repair

This endorsement licenses a person to teach the following secondary courses:

997100	Collision Repair Technology I
997101	Collision Repair Technology II
997102	Collision Repair Technology Introduction
997103	Collision Repair Technology I – Part B

Minimum Requirements for this Endorsement:

1. Education

- Applicant must have earned a two-year college degree (associate degree) or higher from an accredited institution of higher education. [Exception: Teachers with a currently valid license and endorsement #342 Automotive Body Repair may earn this endorsement based on that #342 endorsement even if two-year college degree is not earned. All other requirements for this endorsement must be satisfied.]

2. Technology Literacy and Related Assessment of that Competency

Applicant must validate technology competency during the first year of license by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessments for this license are IC3, iCAT, or other specific assessment created by third-party vendors, authorized by the Local Education Agency (LEA) and approved by the MDE.

3. Occupational Experience and Related Assessment of that Experience

-Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicant must hold ASE Certification in Painting and Refinishing or I-CAR Certification in Painting and Refinishing

4. Teacher Education Preparation and Related Assessment(s) of that Education

-Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
-Applicant must complete all requirements of VIP program prior to the expiration date of the three year vocational license.
-Applicant must successfully complete a certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education
- Applicant must successfully complete the Collision Repair certification workshop, module, or course that is approved by the Mississippi Department of Education.

note #1: If the applicant meets all requirements listed above, that applicant will be issued a 967 endorsement—a five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.

973 Career Pathway: Installation and Service—Industrial Maintenance

This endorsement licenses a person to teach the following secondary courses:

993001	Installation and Service I
993011	Installation and Service I—Industrial Maintenance

Minimum Requirements for this Endorsement:

1. Education

- Applicant must have earned a two-year college degree (associate degree) or higher from an accredited institution of higher education. [Exception: Teachers with a currently valid license and endorsement #357 Industrial Maintenance may earn this endorsement based on that #357 endorsement even if two-year college degree is not earned. All other requirements for this endorsement must be satisfied.]

2. Technology Literacy and Related Assessment of that Competency

Applicant must validate technology competency during the first year of license by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessments for this license are IC3, iCAT, or other specific assessment created by third-party vendors, authorized by the Local Education Agency (LEA) and approved by the MDE.

3. Occupational Experience and Related Assessment of that Experience

-Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.

This endorsement requires the following assessment(s) of occupational expertise:

National Center for Construction Education and Research (NCCER) Certification

OR

Other teacher occupational competency assessment approved by MDE Office of Vocational Education and Workforce Development.

4. Teacher Education Preparation and Related Assessment(s) of that Education

-Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
-Applicant must complete all requirements of VIP program prior to the expiration date of the three year vocational license.
- Applicant must successfully complete the Contren Instructor Certification.
-Applicant must successfully complete a certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete the Industrial Maintenance certification workshop, module, or course that is approved by the Mississippi Department of Education.

note #1: If the applicant meets all requirements listed above, that applicant will be issued a 973 endorsement—a five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.

SOS FORM ABA 001
Effective Date 07/29/2005

974 Career Pathway: Installation and Service—HVAC

This endorsement licenses a person to teach the following secondary courses:

993001	Installation and Service I
993021	Installation and Service II--HVAC

Minimum Requirements for this Endorsement:

1. Education

- Applicant must have earned a two-year college degree (associate degree) or higher from an accredited institution of higher education. [Exception: Teachers with a currently valid license and endorsement #369 Heating and Air Conditioning may earn this endorsement based on that #369 endorsement even if two-year college degree is not earned. All other requirements for this endorsement must be satisfied.]

2. Technology Literacy and Related Assessment of that Competency

Applicant must validate technology competency during the first year of license by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessments for this license are IC3, iCAT, or other specific assessment created by third-party vendors, authorized by the Local Education Agency (LEA) and approved by the MDE.

3. Occupational Experience and Related Assessment of that Experience

-Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.

This endorsement requires the following assessment(s) of occupational expertise:

National Center for Construction Education and Research (NCCER) Certification

OR

Other teacher occupational competency assessment approved by MDE Office of Vocational Education and Workforce Development.

4. Teacher Education Preparation and Related Assessment(s) of that Education

-Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
-Applicant must complete all requirements of VIP program prior to the expiration date of the three year vocational license.
- Applicant must successfully complete the Contren Instructor Certification.
-Applicant must successfully complete a certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete the HVAC certification workshop, module, or course that is approved by the Mississippi Department of Education.

note #1: If the applicant meets all requirements listed above, that applicant will be issued a 974 endorsement—a five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.

SOS FORM ABA 001
Effective Date 07/29/2005

985 Career Pathway: Architecture and Engineering

This endorsement licenses a person to teach the following courses:

994000	Architecture and Engineering Fundamentals
994001	Architecture and Engineering Design
994002	Systems in Architecture and Engineering
994003	Applying Architecture and Engineering Concepts

Minimum Requirements for this Endorsement

1. Education

Applicant must have earned a four-year college degree (bachelor degree) or higher from an accredited institution of higher education. Degree must be in architecture, engineering, mathematics or an appropriate field of science and approved by MDE program coordinator.

2. Technology Literacy and Related Assessment

Applicant must validate technology competency during the first year of license by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessment for this license is IC3.

3. Occupational Experience and Related Assessment of that Experience

-Verification of at least one year of full-time occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught.

-All successful applicants must hold bachelor or higher degree in the subject area to be taught. This degree in subject area exempts applicant from any additional occupational competency testing.

4. Teacher Education Preparation and Related Assessment(s) of that Education

-Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.

-Applicant must complete all requirements of VIP program prior to the expiration date of the three year vocational license.

-Applicant must successfully complete a certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education

-Applicant must successfully complete the Information Technology certification workshop, module, or course that is approved by the Mississippi Department of Education.

note #1: If the applicant meets all requirements listed above, that applicant will be issued a 985 endorsement—a five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.

987 Career Pathway: Digital Media Technology

This endorsement licenses a person to teach the following secondary courses:

994100	Digital Media Technology I
994101	Digital Media Technology II
994102	Digital Media Technology III
994103	Digital Media Technology IV

Minimum Requirements for this Endorsement:

1. Education

Hold a two-year college degree or higher from an accredited institution of higher education.

2. Technology Literacy and Related Assessment of that Competency

Applicant must validate technology competency during the first year of license by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessment for this license is IC3.

3. Occupational Experience and Related Assessment of that Experience

- Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.

This endorsement requires the following assessment(s) of occupational expertise:

Final Cut Pro Level 1 Certification

AND

_____ Adobe Certified Associate Certification in all the following areas

Web Communication

Rich Media Communication

Visual Communication

OR

_____ Other teacher occupational competency assessment(s) approved by MDE Office of Vocational Education and Workforce Development.

4. Teacher Education Preparation and Related Assessment(s) of that Education

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
- Applicant must complete all requirements of VIP program prior to the expiration date of the three year vocational license.
- Applicant must successfully complete a certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education
- Applicant must successfully complete the Digital Media Technology certification workshop, module, or course that is approved by the Mississippi Department of Education.

note #1: If the applicant meets all requirements listed above, that applicant will be issued a 987 endorsement—a five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.